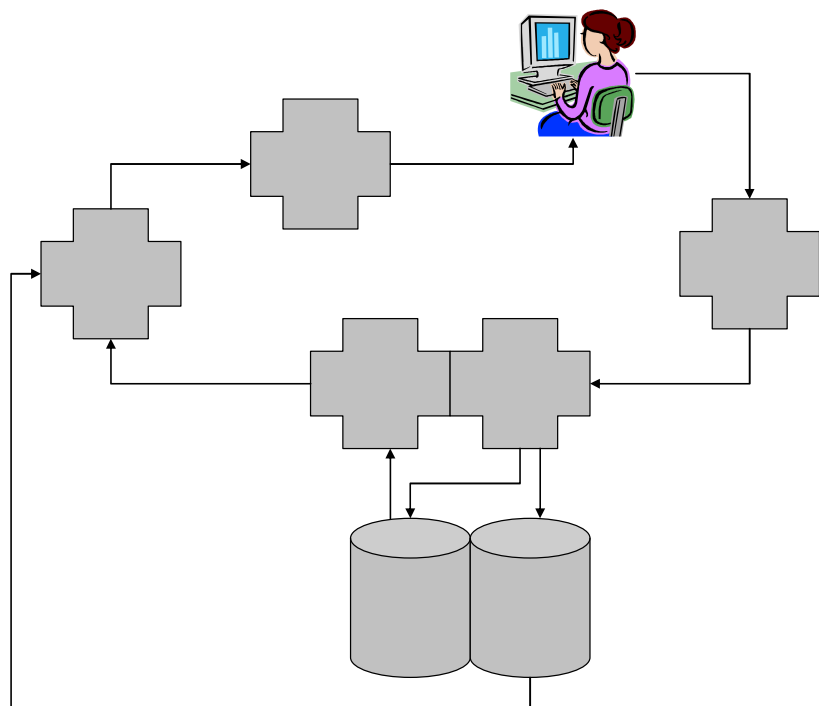


WikiD (Wiki/Data)



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WikiD Overview

- Ward Cunningham describes a wiki as "the simplest online database that could possibly work".
- The cost of this simplicity is that wikis are generally limited to a single collection containing a single kind of record (viz. Wiki Markup Language records).
- WikiD (Wiki/Data) extends the wiki model to support *multiple* collections containing *arbitrary* schemas of XML records with minimal additional complexity.

WikiD Protocols

- Collections and their items are individually identified and can be accessed through a variety of protocols:
 - OpenURL 1.0
 - SRW/U Search
 - SRW Update
 - OAI
 - RSS
- These protocols allow WikiD to be used as a stand-alone webapp or as a web service component in a larger system
 - DeweyBrowser
 - Open WorldCat contributed content

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Overview

Ward Cunningham describes a wiki as "the simplest online database that could possibly work". The cost of this simplicity is that wikis are generally limited to a single collection containing a single kind of record (viz. [WikiMarkupLanguage](#) records). [WikiD](#) extends the Wiki model to support multiple [WikiCollections](#) containing arbitrary schemas of XML records with minimal additional complexity.

- Here are the standard [TextFormattingRules](#) in case you are new to wikis in general
- Here are some details about the [WikiDEngine](#) architecture
- Learn about [WikiD](#)'s distinctive [WikiCollection](#) feature
- Learn about [WikiD](#)'s distinctive [OpenUriResolverFeature](#)
- Check out the latest developments in the [VersionFile](#)

Here is a [WikiDSandbox](#). You can use it to create and edit your own collections and wiki pages. Once you are comfortable there, feel free to contribute to any page on this site. All changes are archived, and can be viewed or recovered by selecting 'History' from the item's pull-down menu.

You can leave comments, suggestions, and problems on the [WikiDFeedback](#) page.

Dewey Record

History & geography / Geography & travel / Geography of & travel in Europe

Class: 914

Caption: Geography of and travel in Europe

Index Terms

Mapped Terms

Suggested Terms

travels in Spain

Down The Chianti Road: Tuscany



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The world is flat a brief history of the twenty-first century

by Thomas L Friedman; Oliver Wyman

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Tell us what you think. Write a review of this item and share your opinions with others. Please be sure to focus your comments on the item. Read our [content guidelines](#) for more information.

1. How do you rate this item?

Very Good

2. Please enter a title for your review:

A bit long but definitely worth a read

3. Type your review in the space below:

The author does a good job explaining why the world is becoming a flat place where anyone can compete effectively on a global scale by taking advantage of the technologies that now exist. Mr. Friedman gets a little political in some places and somewhat repetitive (15 CD's for the audio version) in making his points, but overall I found the book to be informative and challenging to the traditional business models that have guided successful organizations in the past.

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Support for Multiple Collections

- CollectionWikiPages is the **primary bootstrap collection** and gives WikiD its out-of-the-box Wiki functionality
 - Consider that many conventional wiki implementations treat certain types of WikiNames as special (e.g. WikiNames that begin with the word “Category”)
 - In the same spirit, CollectionWikiPages treats WikiNames that start with the word “Collection” as special
 - This special class of WikiNames allows users to create, reference, and manipulate collections in much the same way they would create and reference wiki pages.

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Wiki
Markup
([Rules](#))

```
= WikiD Sandbox =  
  
* NormalWikiName : Refers to a conventional wiki page  
* CollectionCuisineTypes : Refers to a WikiD collection  
* CollectionRestaurants : Refers to a WikiD collection
```

[Update](#)

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([confia](#))

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[xhtml](#)

[Display](#)

WikiD Sandbox

- [NormalWikiName](#) : Refers to a conventional wiki page
- [CollectionCuisineTypes](#) : Refers to a [WikiD](#) collection
- [?CollectionRestaurants](#) : Refers to a [WikiD](#) collection

This collection doesn't exist yet.

Collection Name	<div>Restaurants</div>		
Local Identifier Type	<div><div><input checked="" type="radio"/> User-assigned</div><div><input type="radio"/> System-assigned</div><div><input type="radio"/> External (Instructions)</div></div>		
Administrator's email	<div>mailto:jyoung@oclc.org</div>		
XSL Stylesheet	<div><div><input checked="" type="radio"/> System-created</div><div><input type="radio"/> Manually-created (Instructions)</div></div>		
Native Record Schema	<div>default <input checked="" type="radio"/></div>	<div><div>restaurant: Restaurant Metadata</div><div>Add new</div></div>	<div>Metadata Prefix<div>restaurant</div></div>
See the instructions to learn how to configure crosswalks			
Crosswalk Schema	<div>default <input type="radio"/></div>	<div><div>None</div><div>Add new</div></div>	<div>Metadata Prefix<div></div></div>
Crosswalk Schema	<div>default <input type="radio"/></div>	<div><div>None</div><div>Add new</div></div>	<div>Metadata Prefix<div></div></div>
Crosswalk Schema	<div>default <input type="radio"/></div>	<div><div>None</div><div>Add new</div></div>	<div>Metadata Prefix<div></div></div>



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[Collection](#) ([config](#))

Item: [CollectionCollection:CollectionRestaurants](#)

Display

config

*record	repositoryName	Restaurants
	localIdentifierType	userAssigned
	adminEmail	mailto:jyoung@oclc.org
	defaultXSL	yes
	*schemaURI	info:sid/localhost:CollectionSimpleSchemas:restaurant
	defaultSchemaURI	info:sid/localhost:CollectionSimpleSchemas:restaurant



[To the
FrontPage](#)

RSS [Collection: Wiki Pages](#)
([confia](#))

Item: [CollectionWikiPages:WikiDSandbox](#)

xhtml

Display

WikiD Sandbox

- [NormalWikiName](#) : Refers to a conventional wiki page
- [CollectionCuisineTypes](#) : Refers to a [WikiD](#) collection
- [CollectionRestaurants](#) : Refers to a [WikiD](#) collection



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FrontPage](#)

RSS [Collection: Restaurants](#)
([config](#))

New item identifier:

Create Item

Item identifier

Item label

Edit link

Deposit record link

Record content link

There are no records in this collection

Import
records:
([restaurant](#))

Import

[To the
FrontPage](#)[RSS](#) [Collection: Restaurants](#)
([config](#))

Item: CollectionRestaurants:kihachi

restaurant

Display

This record doesn't exist yet.

name	<input type="text" value="Kihachi"/>
cuisine	<input type="text" value="Japanese"/>
address	<input type="text" value="2667 Federated Blvd."/>
city	<input type="text" value="Columbus"/>
state	<input type="text" value="OH"/>
phone	<input type="text" value="(614) 764-9040"/>
website	<input type="text"/>

[Create](#)

[To the
FrontPage](#)**RSS** [Collection: Restaurants](#)
(confia)

Item: CollectionRestaurants:kihachi

restaurant

Display

*record

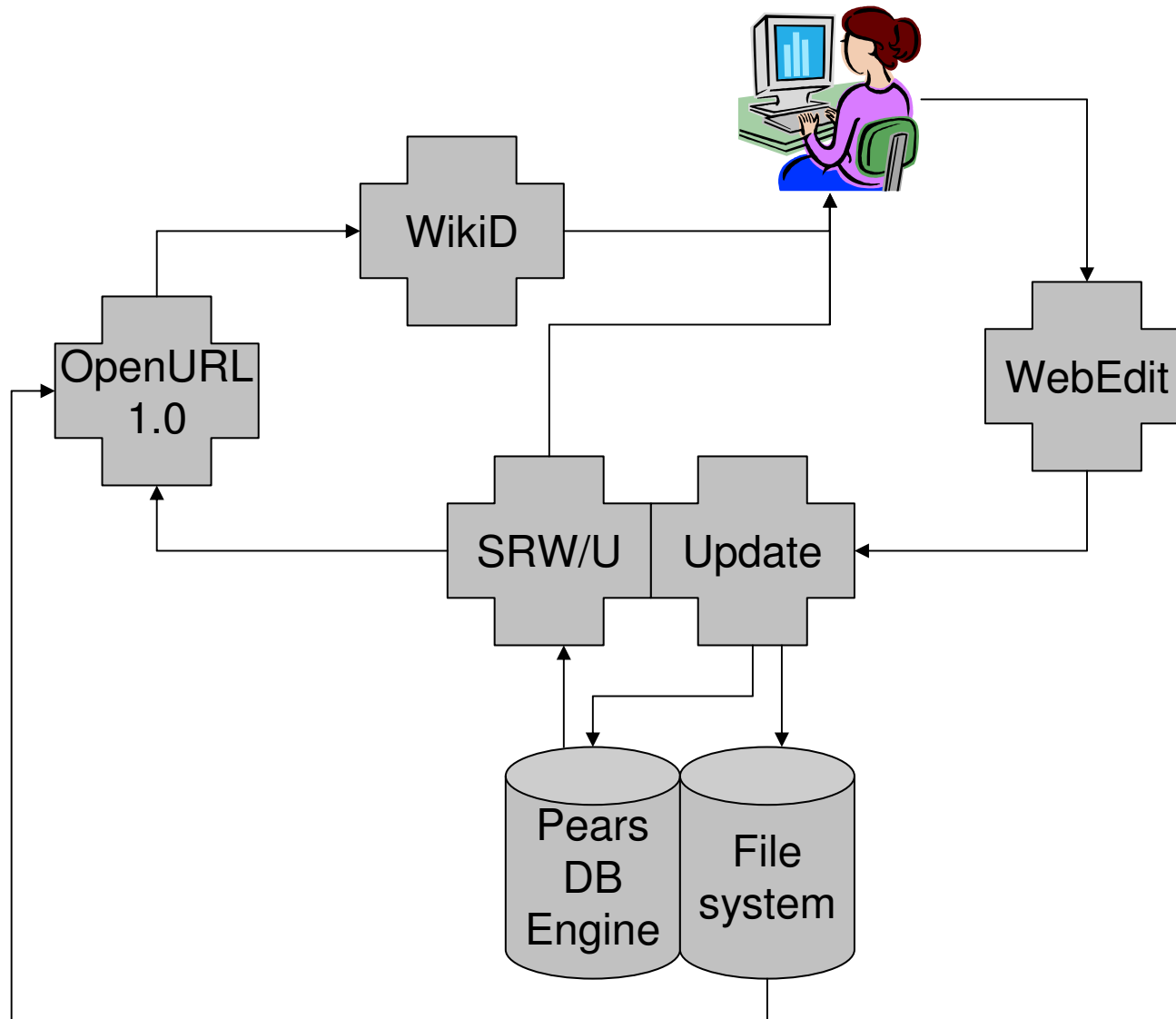
name	Kihachi
cuisine	info:sid/localhost:CollectionCuisineTypes:japanese
address	2667 Federated Blvd.
city	Columbus
state	OH
phone	(614) 764-9040

[To the
FrontPage](#)**[RSS](#) Collection: Restaurants**
([config](#))New item identifier: [Create Item](#)

Item identifier	Item label	Edit link	Deposit record link	Record content link
tajPalace	Taj Palace	Edit item	View deposit	View raw data
sumenos	Sumeno's	Edit item	View deposit	View raw data
kihachi	Kihachi	Edit item	View deposit	View raw data

**Import
records:**
([restaurant](#))
[Import](#)

Servlets & Data Flows



OpenURL 1.0 Resolver

- A standard for performing context-sensitive “services” on “referents” (e.g. rendering of wiki markup records)
 - http://alcme.oclc.org/openurl/docs/pdf/z39_88_2004.pdf
- Installation is configured to recognize wiki-type services
 - display
 - edit
 - delete
 - etc.
- For this application, the OpenURL resolver is embed in the WikiD code rather than running as a sibling web-app
- <http://www.oclc.org/research/projects/openurl/default.htm>

Wiki/OpenURL 1.0 Mapping

OpenURL Entity Type	Identifier	By Value Metadata	By Reference Metadata	Private Data
Referent	info:sid/localhost:CollectionWikiPages: FrontPage/Sub			
Referring Entity	http://localhost/wikid/FrontPage			
Requester	User ID (if authenticated)			
Service Type				action=edit
Resolver				
Referrer	info:sid/oclc.org:WikiD			

Pears

- A record-based database system
- <http://www.oclc.org/research/software/pears/default.htm>

SRW/U

- Search/Retrieve Web/URL Service
- A SOAP/REST search service standard
 - <http://www.loc.gov/z3950/agency/zing/srw/brief.html>
- <http://www.oclc.org/research/software/srw/default.htm>

Update

- Update Web Service
- A database update web service standard created by the SRW/U community
 - <http://srw.cheshire3.org/docs/update/>
- Enhanced to support file system-based version control of documents

WebEdit

- A lightweight open-source web-based record editor
- Accepts HTML form submittals and transforms them into XML documents that conform to a desired XML Schema
- Forwards the generated XML document to a corresponding Update service

WikiD

- An lightweight wiki front-end to an OpenURL 1.0 resolver
 - This combination supports wiki-enhancements for managing fielded data collections
 - <http://outgoing.typepad.com/outgoing/2005/05/metawiki.html>
- doGet/doPost processing
 - Transforms a Wiki URL request into an OpenURL 1.0 ContextObject representation
 - Issues the ContextObject to the OpenURL resolver
 - Relays the resolver results back to the client

Reference Links

- WikiD project page
 - <http://www.oclc.org/research/projects/wikid/>
- WikiD demo
 - <http://alcme.oclc.org/wikid/>
- Open WorldCat contributed content (example)
 - <http://worldcatlibraries.org/wcpa/oclc/58795737&tab=reviews>
- OCLC DeweyBrowser
 - <http://deweyresearch.oclc.org/ddcbrowser/a14>